



# **Fire Prevention Division**

## **Certification Information Packet**

Version September 2018, 2015 SFC

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**City of Seattle**  
Seattle Fire Department

**Customers Pursuing Seattle Certification for Fire and Life Safety System**

The Seattle Fire Department (SFD) welcomes you to the Certification Section of the Fire Prevention Division. This informational packet is written to help you in obtaining certification to perform work on fire protection and/or life safety systems in the city of Seattle. For those interested in securing first time certification or prior holders of a SFD Certificate, this booklet will help you through the process.

The Seattle Fire Department certifies individuals who install, inspect, test or maintain fire protection and life safety systems per the Seattle Fire Code, Chapter 9, Section 901.4.7. Adherence to rules and guidelines associated with the Seattle Fire Code and published industry standards is a condition of certification. Your certificate will allow you to perform specific duties that will be listed on your SFD-issued certification card. Please note that Seattle certification is not a substitute for state certification, which may also be required.

Starting with the Table of Contents, this certification packet provides pertinent information including telephone numbers, definitions for each of the certifications, a bibliography listing materials from which the test questions are derived, criteria for the exams, fees, and limitations.

We look forward to working in partnership with you to promote the safety of those who live, work, and visit the city of Seattle.

If you have any questions or need assistance regarding our certification program, please contact the Certification Unit at (206) 386-1351.

Assistant Chief Timothy J. Munnis  
Fire Marshal  
Seattle Fire Department

Fire Prevention Division  
220 Third Avenue South  
Seattle, WA 98104-2608

Tel (206) 386-1450  
Fax (206) 386-1348  
[www.seattle.gov/fire](http://www.seattle.gov/fire)

## GENERAL CERTIFICATION INFORMATION

This document provides our customers with information on how to obtain a certificate from the Seattle Fire Department to install, inspect, test and maintain fire protection and life safety systems in the city of Seattle.

### Types of Certification Available

The following categories of certifications are presently available from the Seattle Fire Department.

Type AS-ITT(S)	Inspection, testing, and maintenance of water based fire protection systems, State Level Inspection and Testing Technician Certification.
Type AS-2(S)	Installation, inspection, testing, and maintenance of automatic sprinkler systems, State Level II (Group R single or dual family residential occupancy buildings up to and including four stories and Residential Sprinkler Fitters).
Type AS-3(S)	Installation, inspection, testing, and maintenance of automatic sprinkler systems, State Level III (all buildings and Journey Level Sprinkler Fitters).
Type E-1	Installation, inspection, testing, and maintenance of foam fire extinguishing systems; must also maintain AS-3(S) certification.
Type E-2	Installation, inspection, testing, and maintenance of carbon dioxide fire extinguishing systems.
Type E-3	Installation, inspection, testing, and maintenance of engineered, clean agent or halon replacement fire extinguishing systems.
Type E-4	Installation, inspection, testing, and maintenance of engineered wet/dry chemical fire extinguishing systems.
Type EG-1	Installation, inspection, testing, and maintenance of emergency generators.
Type EG-ITM	Inspection, testing, and maintenance of emergency generators.
Type FA-1	Installation, programming, inspection, testing, and maintenance of automatic fire alarm systems in any building.
Type FA-ITM	Inspection, testing (except "acceptance testing"), and maintenance of automatic fire alarm systems.
Type FP-1	Installation, inspection, testing, and maintenance of fire pumps and controllers.
Type FP-ITM	Inspection, testing and maintenance of fire pumps and controllers.
Type FEX-1	All activities relating to portable fire extinguishers including those listed in Types FEX-2, FEX-3, and FEX-4.

Type FEX-2	Installation, inspection, testing, maintenance, charging, and recharging of portable fire extinguishers.
Type FEX-3	Hydrostatic testing of fire extinguisher cylinders.
Type FEX-4	Annual external examination of CO <sub>2</sub> or stored pressure fire extinguishers equipped with pressure indicators or gauges.
Type SC-1	Installation, inspection, testing, and maintenance of smoke control systems.
Type SC-ITM	Inspection, testing, and maintenance of smoke control systems.
Type STP-ITM	Inspection, testing, and maintenance of standpipe systems ( <i>installation of standpipes requires a sprinkler certification, which also covers inspection, testing and maintenance of standpipes</i> ).

### Applications

To download an application for testing, certification annual renewal, or a replacement card, visit the Certification webpage at <http://www.seattle.gov/fire/business-services/certification-testing>. Applications are also available to candidates on the scheduled test day.

### Contact Us

If you have questions or need more information, please contact us:

Fire Prevention Division Certification Unit  
Telephone: (206) 386-1444 or (206) 386-1351

*The Seattle Fire Prevention Division is located near Pioneer Square at 220 3<sup>rd</sup> Avenue South on the second floor.*

### Scheduling

To make an appointment, call the Certification Unit at (206) 386-1444/386-1351. If you receive the recorded message, please follow the instructions. If you wish to receive a confirmation call, please request it in your message. **You may schedule up to two exams per test date.** Re-tests will not be administered on the same day as the original test; a separate appointment must be made. The test site is located at the Fire Prevention Division at 220 3<sup>rd</sup> Ave. S. on the second floor.

### Certification Fees and Payment

Seattle Fire Department Certification Fees	
Testing	\$407 per examination, required once every three years
Renewal	No charge, however certificates must be renewed annually
Replacement Card	\$55 per card

### **Examinations - \$407 per Exam**

The cost for each exam is \$407 and may be paid by check (payable to the *City of Seattle*) or online at: <https://web7.seattle.gov/sfd/permits/>. The fee is due at or before the time of the exam and applicants who have not paid will not be allowed to take the exam. If the fee is paid in advance, proof of payment must be brought with the applicant to the test. Advance payment must be associated to a specific testing customer and must be used within 60 days. The fee covers the initial test and if needed, one re-test. The re-test must be taken within 90 days of the original test date. If the re-test is taken after the 90-day period, a new certification exam fee of \$407 will be required.

Once the candidate has successfully passing a certification examination and provided evidence of a current state of Washington certification (if required by state law for that certification type), the individual will be certified by the city of Seattle for one year. The certification may be renewed for two subsequent years at no cost to the card holder. Testing and payment are required every three years.

### **Annual Renewals – No Charge**

Certificates will expire one year from the date of test. Card holders may renew their certification for two additional years at no cost by filling out and submitting the [Renewal Application for Fire and Life Safety Certification](#) annually. Certificate holders will need to remain familiar with the current fire code and national standards outlined in the SFD Certification Packet at <http://www.seattle.gov/fire/business-services/certification-testing>. It is the responsibility of certificate holders to keep their certificate up to date each year. It is a criminal law violation to perform any of the work regulated by Seattle Fire Department Administrative Rule 9.01 without a valid certificate.

### **Replacement Cards - \$55 per Card**

A \$55 fee will be assessed for each lost or stolen certification card that is replaced. The fee can be paid by check (payable to the *City of Seattle*) or, if you wish to use a credit card for a replacement card, please call us at (206) 386-1450 or make payment in person in our office. Due to information that needs to be validated for issuing replacement cards, we are unable to accept online payments for this service.

**Testing Dates and Times** Certification tests are administered as follows:

Every Monday and Wednesday, 2:00 p.m.  
Every Tuesday, 7:30 a.m.

Tests are not administered on City holidays. Test takers have two hours to complete the test.

### **Testing Location**

Tests are administered at the Seattle Fire Prevention Division, 220 Third Avenue South, in Seattle near Pioneer Square. The Fire Prevention Division is on the second floor, above the Foster White Art Gallery.

### **Identification**

Applicants must present picture identification at the test site prior to being issued an exam. Applicants who fail to do so will not be permitted to take the scheduled exam.

## State Certification Requirements

Please note that a Seattle certification is not a substitute for any certification the state may require. For example, any employee performing inspection and testing work on water-based fire protection sprinkler systems must also hold a current Washington State Certification of Competency and any employee performing inspection, testing, and maintenance on fire alarm systems must also hold a NICET II certification.

## Pre-reading

Before you acquire study materials and study you should first read Administrative Rule 9.01 of the Seattle Fire Code. Administrative Rule 9.01 of the Seattle Fire Code contains in-depth information on the certification program, including a list of persons and agencies exempted from the program. ~~A copy of Administrative Rule 9.01 is included in this Certification informational packet.~~ All Seattle Fire Department Administrative Rules can ~~also~~ be viewed online at <http://www.seattle.gov/fire/business-services/fire-code-and-fire-safety-documents>.

## General Reference Materials

The following list provides descriptions of the reference materials from which certification test questions are derived. Information about locating the reference materials is also provided. Specific reference material for each certificate type can be found below in the bibliography section of this packet.

### 2015 Seattle Fire Code

This is a locally amended version of Washington State's amended version of the 2015 International Fire Code. It is available for viewing online at [www.seattle.gov/dpd/codesrules/codes/fire/default.htm](http://www.seattle.gov/dpd/codesrules/codes/fire/default.htm) (or through links from the Seattle Fire Department web site) and may be purchased at both the Seattle Fire Department and the Seattle Department of Construction and Inspections (SDCI). For hard copies of the Seattle codes, contact [SDCI's Public Resource Center](#). The 2015 Seattle Fire Code may also be purchased over the counter at the Seattle Fire Prevention Division, 220 3<sup>rd</sup> Avenue South, Floor 2, weekdays from 8 a.m. to 4:30 p.m. The price is \$87. Seattle code books may also be purchased on line from the [International Code Council \(ICC\)](#).

### 2015 Seattle Building Code

This is a locally amended version of the 2015 International Building Code. It is available for viewing online at [www.seattle.gov/dpd/codesrules/codes/building/default.htm](http://www.seattle.gov/dpd/codesrules/codes/building/default.htm) and may be purchased from SDCI. For hard copies of the Seattle codes, contact [SDCI's Public Resource Center](#) at (206) 684-8467, 5<sup>th</sup> Avenue, Floor 20, Seattle.

### 2017 Seattle Electrical Code

This is a locally amended version of the 2017 National Electrical Code, published by the National Fire Protection Association ([www.nfpa.org](http://www.nfpa.org) or 1-800-344-3555). To view the 2017 National Electrical Code and related Seattle amendments online, see <http://www.seattle.gov/dpd/codesrules/codes/electrical/default.htm>. For more information on obtaining paper copies of the local amendments, contact SDCI at (206) 684-8467. Copies of the above codes may also be available from local book retailers.

**Seattle Fire Department – Administrative Rulings**

SFD Administrative Rulings are available on the web at

<http://www.seattle.gov/fire/business-services/fire-code-and-fire-safety-documents>

**Seattle Fire Department – Client Assistance Memoranda (CAMs)**

SFD CAMs are available on the web at <http://www.seattle.gov/fire/business-services/fire-code-and-fire-safety-documents> and can also be obtained from the Certification Unit by email, fax, or U.S. mail by calling (206) 386-1351.

**Seattle Department of Construction and Inspections – Tips**

SDCI Tips are available on the web at: <http://web1.seattle.gov/dpd/cams/CamList.aspx> and at the SDCI Public Resource Center, (206) 684-8467, 700 Fifth Avenue, Floor 20, Seattle.

**Seattle Department of Construction and Inspections – Director’s Rules**

Director’s Rules can be obtained from the Certification Unit by email, fax, or U.S. mail by calling (206) 386-1351. Director’s Rules are also available on the web at:

<http://web1.seattle.gov/dpd/dirrulesviewer> and from the Department of Construction and Inspections Public Resource Center, (206) 684-8467, 700 5<sup>th</sup> Avenue, Floor 20, Seattle.

**National Fire Protection Association Standards**

NFPA Standards can be viewed online and/or purchased through their website [www.nfpa.org](http://www.nfpa.org), or by calling the NFPA at 1(800) 344-3555. Copies may also be available from local book retailers.

**Links to Other Resources**

The following is a list of web sites where additional information pertaining to fire and life safety issues may be found.

[www.firesprinkler.org/](http://www.firesprinkler.org/)

[www.nfsa.org](http://www.nfsa.org)

[www.nfpa.org/](http://www.nfpa.org/)

[www.nicet.org/](http://www.nicet.org/)

[www.fema.gov/](http://www.fema.gov/)

[www.usfa.fema.gov/](http://www.usfa.fema.gov/)

[www.affaa.org](http://www.affaa.org)

[www.alarm.org/](http://www.alarm.org/)

[www.ansi.org/](http://www.ansi.org/)

[www.astm.org/](http://www.astm.org/)

[www.ashrae.org/](http://www.ashrae.org/)

[www.wsp.wa.gov/state-fire-marshals-office](http://www.wsp.wa.gov/state-fire-marshals-office)



# **Certification Information Packet**

## **Certification Exam Bibliographies**

## **AUTOMATIC SPRINKLER SYSTEMS**

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**AS-ITT(S)** – Inspection, testing, and maintenance of water based fire protection systems, State Level Inspection Testing Technician Certification.

**AS-2(S)** – Installation, inspection, testing and maintenance of automatic sprinkler systems and standpipes, State Level II (Group R – single or dual family residential buildings up to and including 4 stories and Residential Sprinkler Fitters).

**AS-3(S)** – Installation, inspection, testing, and maintenance of automatic sprinkler systems and standpipes, State Level III (all buildings and Journey Level Sprinkler Fitters).

### **REFERENCE MATERIAL**

- **National Fire Protection Association Standards:** 13, 13R, 25, 307

- **Seattle Fire Department Administrative Ruling:** 9.01, 9.02, 9.03, 9.04

<http://www.seattle.gov/fire/business-services/fire-code-and-fire-safety-documents>

- **Seattle Fire Code (2015):**

[www.seattle.gov/dpd/codesrules/codes/fire/default.htm](http://www.seattle.gov/dpd/codesrules/codes/fire/default.htm)

#### **Chapters:**

1 – Sections: 101, 102.1, 102.3, 102.8, 103.1, 105, 106, 107, 108, 109, 110, 111

2 – Sections: 201, 202

9 – Sections: 901, 902, 903, 904, 905

**90, 91, 92**

**93** (for AS-ITT(S) and AS-3(S) applicants only)

**94** – Sections: 9405.2

**Appendix B & I**

- **Seattle Building Code (2015):**

[www.seattle.gov/dpd/codesrules/codes/building/default.htm](http://www.seattle.gov/dpd/codesrules/codes/building/default.htm)

#### **Chapters:**

4 – Sections: 403.3, 403.3.1, 403.3.1.1, 404.3, 407.6, 410.7, 411.4, 901, 902, 903, 904

- **Seattle Fire Fee Ordinance:**

Seattle Municipal Code Sections: 22.602.045

[https://www.municode.com/library/wa/seattle/codes/municipal\\_code?searchRequest=%7B%22searchText%22:%2222.602.020%22,%22pageNum%22:1,%22resultsPerPage%22:25,%22booleanSearch%22:false,%22stemming%22:true,%22fuzzy%22:false,%22synonym%22:false,%22contentTypeTypes%22:%5B%22CODES%22%5D,%22productIds%22:%5B%5D%7D&nodeId=TIT22BUCOC O SUBTITLE VIFICO CH22.602FICOPEINFE 22.602.020PAFE](https://www.municode.com/library/wa/seattle/codes/municipal_code?searchRequest=%7B%22searchText%22:%2222.602.020%22,%22pageNum%22:1,%22resultsPerPage%22:25,%22booleanSearch%22:false,%22stemming%22:true,%22fuzzy%22:false,%22synonym%22:false,%22contentTypeTypes%22:%5B%22CODES%22%5D,%22productIds%22:%5B%5D%7D&nodeId=TIT22BUCOC O SUBTITLE VIFICO CH22.602FICOPEINFE 22.602.020PAFE)

- **Seattle Ordinance Adopting 2015 Seattle Fire Code:**

Number 125138 [clerk.ci.seattle.wa.us/~public/CBOR1.htm](http://clerk.ci.seattle.wa.us/~public/CBOR1.htm)

## ENGINEERED/PRE-ENGINEERED SYSTEMS

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### **FOAM SYSTEMS**

**E-1** – Installation, inspection, testing, and maintenance of foam fire extinguishing systems; must also maintain AS-3(S) certification.

### **REFERENCE MATERIAL**

- **National Fire Protection Association Standards:** 11, 16, 25, 72

- **Seattle Fire Department Administrative Ruling:** 9.01, 9.02

<http://www.seattle.gov/fire/business-services/fire-code-and-fire-safety-documents>

- **Seattle Fire Code (2015):**

[www.seattle.gov/dpd/codesrules/codes/fire/default.htm](http://www.seattle.gov/dpd/codesrules/codes/fire/default.htm)

#### **Chapters:**

- 1 – Sections: 101.3, 101.4, 103.1, 103.2, 105, 106, 107, 109, 110, 111
- 2 – Sections: 201, 202
- 9 – Sections: 904, 904.7, 904.7.1

- **Seattle Fire Fee Ordinance:**

Seattle Municipal Code Sections: 22.602.020 and 22.602.045

[https://www.municode.com/library/wa/seattle/codes/municipal\\_code?searchRequest=%7B%22searchText%22:%2222.602.020%22,%22pageNum%22:1,%22resultsPerPage%22:25,%22booleanSearch%22:false,%22stemming%22:true,%22fuzzy%22:false,%22synonym%22:false,%22contentType%22:%5B%22CODES%22%5D,%22productIds%22:%5B%5D%7D&nodeId=TIT22BUCOC%20SUBTITLE%20VIFICO%20CH22.602FICOPEINFE%2022.602.020PAFE](https://www.municode.com/library/wa/seattle/codes/municipal_code?searchRequest=%7B%22searchText%22:%2222.602.020%22,%22pageNum%22:1,%22resultsPerPage%22:25,%22booleanSearch%22:false,%22stemming%22:true,%22fuzzy%22:false,%22synonym%22:false,%22contentType%22:%5B%22CODES%22%5D,%22productIds%22:%5B%5D%7D&nodeId=TIT22BUCOC%20SUBTITLE%20VIFICO%20CH22.602FICOPEINFE%2022.602.020PAFE)

- **Seattle Ordinance Adopting 2015 Seattle Fire Code:**

Number 125138 [clerk.ci.seattle.wa.us/~public/CBOR1.htm](http://clerk.ci.seattle.wa.us/~public/CBOR1.htm)

## **CARBON DIOXIDE SYSTEMS**

**E-2** – Installation, inspection, testing, and maintenance of carbon dioxide fire extinguishing systems.

## **REFERENCE MATERIAL**

- **National Fire Protection Association Standards:** 12, 12A, 72

- **Seattle Fire Department Administrative Ruling:** 9.01, 9.02

<http://www.seattle.gov/fire/business-services/fire-code-and-fire-safety-documents>

- **Seattle Fire Code (2015):**

[www.seattle.gov/dpd/codesrules/codes/fire/default.htm](http://www.seattle.gov/dpd/codesrules/codes/fire/default.htm)

### **Chapters:**

1 – Sections: 101, 103.1, 103.3, 103.4, 105, 106, 107, 109, 110, 111

2 – Sections: 201, 202

9 – Sections: 904, 904.8, 904.8.1, 904.8.2

### **Appendix B**

- **Seattle Fire Fee Ordinance:**

Seattle Municipal Code Sections: 22.602.020 and 22.602.045

[https://www.municode.com/library/wa/seattle/codes/municipal\\_code?searchRequest=%7B%22searchText%22:%2222.602.020%22,%22pageNum%22:1,%22resultsPerPage%22:25,%22booleanSearch%22:false,%22stemming%22:true,%22fuzzy%22:false,%22synonym%22:false,%22contentType%22:%5B%22CODES%22%5D,%22productIds%22:%5B%5D%7D&nodeId=TIT22BUCOC%20SUBTITLE%20VIFICO%20CH22.602FICOPEINFE%2022.602.020PAFE](https://www.municode.com/library/wa/seattle/codes/municipal_code?searchRequest=%7B%22searchText%22:%2222.602.020%22,%22pageNum%22:1,%22resultsPerPage%22:25,%22booleanSearch%22:false,%22stemming%22:true,%22fuzzy%22:false,%22synonym%22:false,%22contentType%22:%5B%22CODES%22%5D,%22productIds%22:%5B%5D%7D&nodeId=TIT22BUCOC%20SUBTITLE%20VIFICO%20CH22.602FICOPEINFE%2022.602.020PAFE)

- **Seattle Ordinance Adopting 2015 Seattle Fire Code:**

Number 125138 [clerk.ci.seattle.wa.us/~public/CBOR1.htm](http://clerk.ci.seattle.wa.us/~public/CBOR1.htm)

## **HALON SYSTEMS AND REPLACEMENT AGENTS**

**E-3** – Installation, inspection, testing, and maintenance of engineered, clean agent or replacement agent fire extinguishing systems.

### **REFERENCE MATERIAL**

- **National Fire Protection Association Standards:** 12A, 72, 2001

- **Seattle Fire Department Administrative Ruling:** 9.01, 9.03, 9.04

<http://www.seattle.gov/fire/business-services/fire-code-and-fire-safety-documents>

- **Seattle Fire Code (2015):**

[www.seattle.gov/dpd/codesrules/codes/fire/default.htm](http://www.seattle.gov/dpd/codesrules/codes/fire/default.htm)

#### **Chapters:**

1 – Sections: 101.3, 101.4, 103.1, 103.3, 103.4, 105, 106, 107, 109, 110, 111

2 – Sections: 201, 202

9 – Sections: 904, 904.1.1, 904.9, 904.10, 904.10.1, 904.10.2, 904.10.3, 904.11

- **Seattle Fire Fee Ordinance:**

Seattle Municipal Code Sections: 22.602.020 and 22.602.045

[https://www.municode.com/library/wa/seattle/codes/municipal\\_code?searchRequest=%7B%22searchText%22:%2222.602.020%22,%22pageNum%22:1,%22resultsPerPage%22:25,%22booleanSearch%22:false,%22stemming%22:true,%22fuzzy%22:false,%22synonym%22:false,%22contentType%22:%5B%22CODES%22%5D,%22productIds%22:%5B%5D%7D&nodeId=TIT22BUCOC%20SUBTITLE%20VIFICO%20CH22.602FICOPEINFE%2022.602.020PAFE](https://www.municode.com/library/wa/seattle/codes/municipal_code?searchRequest=%7B%22searchText%22:%2222.602.020%22,%22pageNum%22:1,%22resultsPerPage%22:25,%22booleanSearch%22:false,%22stemming%22:true,%22fuzzy%22:false,%22synonym%22:false,%22contentType%22:%5B%22CODES%22%5D,%22productIds%22:%5B%5D%7D&nodeId=TIT22BUCOC%20SUBTITLE%20VIFICO%20CH22.602FICOPEINFE%2022.602.020PAFE)

- **Seattle Ordinance Adopting 2015 Seattle Fire Code:**

Number 125138 [clerk.ci.seattle.wa.us/~public/CBOR1.htm](http://clerk.ci.seattle.wa.us/~public/CBOR1.htm)

**DRY/ WET CHEMICAL SYSTEMS**

**E-4** – Installation, inspection, testing, and maintenance of engineered dry/wet chemical fire extinguishing systems

**REFERENCE MATERIAL**

- **National Fire Protection Association Standards:** 17, 17A, 72

- **Seattle Fire Department Administrative Ruling:** 9.01, 9.02

<http://www.seattle.gov/fire/business-services/fire-code-and-fire-safety-documents>

- **Seattle Fire Code (2015):**

[www.seattle.gov/dpd/codesrules/codes/fire/default.htm](http://www.seattle.gov/dpd/codesrules/codes/fire/default.htm)

**Chapters:**

- 1 – Sections: 101.2, 101.4, 103.2, 103.3, 103.4, 105, 106, 107, 109, 110, 111
- 2 – Sections: 201, 202
- 9 – Sections: 904, 904.5.1, 904.5.2

- **Seattle Fire Fee Ordinance:**

Seattle Municipal Code Sections: 22.602.020 and 22.602.045

[https://www.municode.com/library/wa/seattle/codes/municipal\\_code?searchRequest=%7B%22searchText%22:%2222.602.020%22,%22pageNum%22:1,%22resultsPerPage%22:25,%22booleanSearch%22:false,%22stemming%22:true,%22fuzzy%22:false,%22synonym%22:false,%22contentType%22:%5B%22CODES%22%5D,%22productIds%22:%5B%5D%7D&nodeId=TIT22BUCOC%20SUBTITLE%20VIFICO%20CH22.602FICOPEINFE%2022.602.020PAFE](https://www.municode.com/library/wa/seattle/codes/municipal_code?searchRequest=%7B%22searchText%22:%2222.602.020%22,%22pageNum%22:1,%22resultsPerPage%22:25,%22booleanSearch%22:false,%22stemming%22:true,%22fuzzy%22:false,%22synonym%22:false,%22contentType%22:%5B%22CODES%22%5D,%22productIds%22:%5B%5D%7D&nodeId=TIT22BUCOC%20SUBTITLE%20VIFICO%20CH22.602FICOPEINFE%2022.602.020PAFE)

- **Seattle Ordinance Adopting 2015 Seattle Fire Code:**

Number 125138 [clerk.ci.seattle.wa.us/~public/CBOR1.htm](http://clerk.ci.seattle.wa.us/~public/CBOR1.htm)

- **Seattle Department of Construction and Inspections TIP:**

TIP 418: “Users’ Guide to Achieving a Fire-Rated Shaft with YYET Products”.

<http://web1.seattle.gov/DPD/CAMs/CamList.aspx?cs=400>

## EMERGENCY GENERATORS

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**EG-1** – Installation (non-electrical), inspection, testing, and maintenance of emergency generators.

**EG-ITM** – Inspection, testing, and maintenance of emergency generators.

### REFERENCE MATERIAL

- **National Fire Protection Association Standards:** 70 (2014), 110 (2013)  
*subject to the changes found in the Seattle Amendments to the National Electrical Code (Seattle Ordinance - 124593)* <http://clerk.ci.seattle.wa.us/~scripts/nph-brs.exe?s1=&s2=&s3=&s4=&s5=electrical+code&Sect4=AND&I=20&Sect1=IMAGE&Sect2=THESON&Sect3=PLURON&Sect5=CBOR1&Sect6=HITOFF&d=CBOR&p=1&u=/~public/cbor1.htm&r=1&f=G>
- **Seattle Fire Department Administrative Ruling:** 9.01, 9.02  
<http://www.seattle.gov/fire/business-services/fire-code-and-fire-safety-documents>
- **Seattle Fire Code (2015):**  
[www.seattle.gov/dpd/codesrules/codes/fire/default.htm](http://www.seattle.gov/dpd/codesrules/codes/fire/default.htm)  
**Chapters:**
  - 1 – Sections: 101.2, 101.4, 103.1, 103.3, 103.4, 105, 106, 107, 109, 110, 111
  - 2 – Sections: 201, 202
  - 6 – Sections: 604
  - 93 – Sections: 9307
- **Seattle Building Code (2015):**  
[www.seattle.gov/dpd/codesrules/codes/building/default.htm](http://www.seattle.gov/dpd/codesrules/codes/building/default.htm)  
**Chapters:**
  - 27 – Sections: 2702
- **Seattle Electrical Code (2014):**  
Article 700, 701
- **Seattle Fire Fee Ordinance:**  
Seattle Municipal Code Sections: 22.602.020 and 22.602.045  
[https://www.municode.com/library/wa/seattle/codes/municipal\\_code?searchRequest=%7B%22searchText%22:%2222.602.020%22,%22pageNum%22:1,%22resultsPerPage%22:25,%22booleanSearch%22:false,%22stemming%22:true,%22fuzzy%22:false,%22synonym%22:false,%22contentType%22:%5B%22CODES%22%5D,%22productIds%22:%5B%5D%7D&nodeId=TIT22BUCOCO%20SUBTITLE%20VIFICO%20CH22.602FICOPEINFE%2022.602.020PAFE](https://www.municode.com/library/wa/seattle/codes/municipal_code?searchRequest=%7B%22searchText%22:%2222.602.020%22,%22pageNum%22:1,%22resultsPerPage%22:25,%22booleanSearch%22:false,%22stemming%22:true,%22fuzzy%22:false,%22synonym%22:false,%22contentType%22:%5B%22CODES%22%5D,%22productIds%22:%5B%5D%7D&nodeId=TIT22BUCOCO%20SUBTITLE%20VIFICO%20CH22.602FICOPEINFE%2022.602.020PAFE)
- **Seattle Ordinance Adopting 2015 Seattle Fire Code:**  
Number 125138 [clerk.ci.seattle.wa.us/~public/CBOR1.htm](http://clerk.ci.seattle.wa.us/~public/CBOR1.htm)

## FIRE ALARM SYSTEMS

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**FA-1** – Inspection, testing, and maintenance of automatic fire alarm systems in any type of building.

**FA-ITM** – Inspection, testing (except “acceptance testing”), and maintenance of automatic fire alarm systems.

### REFERENCE MATERIAL

- **National Fire Protection Association Standards: 72**

- **Seattle Fire Department Administrative Ruling: 9.01, 9.02, 9.04**

<http://www.seattle.gov/fire/business-services/fire-code-and-fire-safety-documents>

- **Seattle Fire Code (2015)**

[www.seattle.gov/dpd/codesrules/codes/fire/default.htm](http://www.seattle.gov/dpd/codesrules/codes/fire/default.htm)

**Chapters:**

1 – Sections: 101, 103.1, 103.3, 103.4, 105, 106, 107, 109, 110, 111

2 – Sections: 201, 202

9 – Sections: 907, 908

**90**

93 – Sections: 9302.4, 9302.5, 9306

**Appendix B & I**

- **Seattle Building Code: (2015)**

[www.seattle.gov/dpd/codesrules/codes/building/default.htm](http://www.seattle.gov/dpd/codesrules/codes/building/default.htm)

**Chapter:**

9 – Sections: 907, 908, 1105.4.9 (Washington State Amendment)

- **Seattle Fire Fee Ordinance:**

Seattle Municipal Code Sections: 22.602.020 and 22.602.045

[https://www.municode.com/library/wa/seattle/codes/municipal\\_code?searchRequest=%7B%22searchText%22:%2222.602.020%22,%22pageNum%22:1,%22resultsPerPage%22:25,%22booleanSearch%22:false,%22stemming%22:true,%22fuzzy%22:false,%22synonym%22:false,%22contentType%22:%5B%22CODES%22%5D,%22productIds%22:%5B%5D%7D&nodeId=TIT22BUCOC%20SUBTITLE%20VIFICO%20CH22.602FICOPEINFE%2022.602.020PAFE](https://www.municode.com/library/wa/seattle/codes/municipal_code?searchRequest=%7B%22searchText%22:%2222.602.020%22,%22pageNum%22:1,%22resultsPerPage%22:25,%22booleanSearch%22:false,%22stemming%22:true,%22fuzzy%22:false,%22synonym%22:false,%22contentType%22:%5B%22CODES%22%5D,%22productIds%22:%5B%5D%7D&nodeId=TIT22BUCOC%20SUBTITLE%20VIFICO%20CH22.602FICOPEINFE%2022.602.020PAFE)

- **Seattle Ordinance Adopting 2015 Seattle Fire Code:**

Number 125138 [clerk.ci.seattle.wa.us/~public/CBOR1.htm](http://clerk.ci.seattle.wa.us/~public/CBOR1.htm)



## FIRE EXTINGUISHERS

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**FEX-1** – All activities relating to portable fire extinguishers, including those listed in type FEX-2, FEX-3 and FEX-4.

**FEX-2** – Installation, inspection, testing, maintenance, charging, and recharging of portable fire extinguishers.

### REFERENCE MATERIAL

- **National Fire Protection Association Standards:** 10

- **Seattle Fire Code (2015)**

[www.seattle.gov/dpd/codesrules/codes/fire/default.htm](http://www.seattle.gov/dpd/codesrules/codes/fire/default.htm)

### Chapters:

1 – Sections: 101.2, 101.4, 103.1, 103.3, 103.4, 105

2 – Sections: 201

9 – Sections: 906

20 – Sections: 2005

### Appendix B

- **Seattle Municipal Code:**

Sections: 22.600.00 and 22.602.045 [https://library.municode.com/wa/seattle/codes/municipal\\_code](https://library.municode.com/wa/seattle/codes/municipal_code)

**FEX-3** – Hydrostatic testing of fire extinguisher cylinders.

### REFERENCE MATERIAL

- **National Fire Protection Association Standards:** 10

- **Seattle Fire Code (2015)**

[www.seattle.gov/dpd/codesrules/codes/fire/default.htm](http://www.seattle.gov/dpd/codesrules/codes/fire/default.htm)

### Chapters:

1 – Sections: 101.2, 101.4, 103.1, 103.3, 104.1, 105.7, 106, 109, 110, 111

2 – Sections: 201

9 – Sections: 906

20 – Sections: 2005

### Appendix B

- **Seattle Municipal Code:**

Sections: 22.600.00 and 22.602.045 [https://library.municode.com/wa/seattle/codes/municipal\\_code](https://library.municode.com/wa/seattle/codes/municipal_code)

**FEX-4** – Annual external examination of CO2 or stored pressure fire extinguishers equipped with pressure indicators or gauges.

### REFERENCE MATERIAL

- **National Fire Protection Association Standards:** 10

- **Seattle Fire Code (2015)**

[www.seattle.gov/dpd/codesrules/codes/fire/default.htm](http://www.seattle.gov/dpd/codesrules/codes/fire/default.htm)

### Chapters:

1 – Sections: 101.2, 101.4, 103.1, 103.4, 104.1, 106, 109,

2 – Sections: 201

9 – Sections: 906

20 – Sections: 2005

### Appendix B

- **Seattle Fire Fee Ordinance:**

Seattle Municipal Code Sections: 22.602.020 and 22.602.045

[https://www.municode.com/library/wa/seattle/codes/municipal\\_code?searchRequest=%7B%22searchText%22:%2222.602.020%22,%22pageNum%22:1,%22resultsPerPage%22:25,%22booleanSearch%22:false,%22stemming%22:true,%22fuzzy%22:false,%22synonym%22:false,%22contentTypes%22:%5B%22CODES%22%5D,%22productIds%22:%5B%5D%7D&nodeId=TIT22BUCOCO\\_SUBTITLE\\_VIFICO\\_CH22.602\\_FICOPEINFE\\_22.602.020PAFE](https://www.municode.com/library/wa/seattle/codes/municipal_code?searchRequest=%7B%22searchText%22:%2222.602.020%22,%22pageNum%22:1,%22resultsPerPage%22:25,%22booleanSearch%22:false,%22stemming%22:true,%22fuzzy%22:false,%22synonym%22:false,%22contentTypes%22:%5B%22CODES%22%5D,%22productIds%22:%5B%5D%7D&nodeId=TIT22BUCOCO_SUBTITLE_VIFICO_CH22.602_FICOPEINFE_22.602.020PAFE)

## FIRE PUMPS

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**FP-1** – Installation (non-electrical), inspection, testing, and maintenance of fire pumps and controllers.

**FP-ITM** – Inspection, testing, and maintenance of fire pumps and controllers.

### REFERENCE MATERIAL

- **National Fire Protection Association Standards:** 20, 25

- **Seattle Fire Department Administrative Ruling:** 9.01, 9.02.

<http://www.seattle.gov/fire/business-services/fire-code-and-fire-safety-documents>

- **Seattle Fire Code (2015)**

[www.seattle.gov/dpd/codesrules/codes/fire/default.htm](http://www.seattle.gov/dpd/codesrules/codes/fire/default.htm)

#### **Chapters:**

1 – Sections: 101, 103.1, 103.3, 103.3, 105, 106, 107, 109, 110, 111

2 – Sections: 201, 202

9 – Sections: 913

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92

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Appendix B

- **Seattle Fire Fee Ordinance:**

Seattle Municipal Code Sections: 22.602.020 and 22.602.045

[https://www.municode.com/library/wa/seattle/codes/municipal\\_code?searchRequest=%7B%22searchText%22:%2222.602.020%22,%22pageNum%22:1,%22resultsPerPage%22:25,%22booleanSearch%22:false,%22stemming%22:true,%22fuzzy%22:false,%22synonym%22:false,%22contentType%22:%5B%22CODES%22%5D,%22productIds%22:%5B%5D%7D&nodeId=TIT22BUCOC%20SUBTITLE%20VIFICO%20CH22.602FICOPEINFE%2022.602.020PAFE](https://www.municode.com/library/wa/seattle/codes/municipal_code?searchRequest=%7B%22searchText%22:%2222.602.020%22,%22pageNum%22:1,%22resultsPerPage%22:25,%22booleanSearch%22:false,%22stemming%22:true,%22fuzzy%22:false,%22synonym%22:false,%22contentType%22:%5B%22CODES%22%5D,%22productIds%22:%5B%5D%7D&nodeId=TIT22BUCOC%20SUBTITLE%20VIFICO%20CH22.602FICOPEINFE%2022.602.020PAFE)

- **Seattle Ordinance Adopting 2015 Seattle Fire Code:**

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## SMOKE CONTROL

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**SC-1** – Installation, inspection, testing, and maintenance of smoke control systems.

### REFERENCE MATERIAL

- **National Fire Protection Association Standards:** 90A, 92A, 204

- **ASHRAE – Design of Smoke Control Systems**

- **Seattle Fire Code (2015):**

[www.seattle.gov/dpd/codesrules/codes/fire/default.htm](http://www.seattle.gov/dpd/codesrules/codes/fire/default.htm)

#### Chapters:

1 – Sections: 101, 103.1, 103.3, 105, 106, 107, 109, 110, 111

2 – Sections: 201, 202

9 – Sections: 909, 910

93

Appendix B

- **Seattle Building Code (2015):**

[www.seattle.gov/dpd/codesrules/codes/building/default.htm](http://www.seattle.gov/dpd/codesrules/codes/building/default.htm)

#### Chapters:

4 – Sections: 404, 404.5, 405.5, 405.5.1, 405.5.2

9 – Sections: 909, 910

- **Seattle Fire Fee Ordinance:**

Seattle Municipal Code Sections: 22.602.020 and 22.602.045

[https://www.municode.com/library/wa/seattle/codes/municipal\\_code?searchRequest=%7B%22searchText%22:%2222.602.020%22,%22pageNum%22:1,%22resultsPerPage%22:25,%22booleanSearch%22:false,%22stemming%22:true,%22fuzzy%22:false,%22synonym%22:false,%22contentTypes%22:%5B%22CODES%22%5D,%22productIds%22:%5B%5D%7D&nodeId=TIT22BUCOC\\_O\\_SUBTITLE\\_VIFICO\\_CH22.602FICOPEINFE\\_22.602.020PAFE](https://www.municode.com/library/wa/seattle/codes/municipal_code?searchRequest=%7B%22searchText%22:%2222.602.020%22,%22pageNum%22:1,%22resultsPerPage%22:25,%22booleanSearch%22:false,%22stemming%22:true,%22fuzzy%22:false,%22synonym%22:false,%22contentTypes%22:%5B%22CODES%22%5D,%22productIds%22:%5B%5D%7D&nodeId=TIT22BUCOC_O_SUBTITLE_VIFICO_CH22.602FICOPEINFE_22.602.020PAFE)

- **Seattle Ordinance Adopting 2015 Seattle Fire Code:**

Number 125138 [clerk.ci.seattle.wa.us/~public/CBOR1.htm](http://clerk.ci.seattle.wa.us/~public/CBOR1.htm)

**SC-ITM–** Inspection, testing and maintenance of smoke control systems

**REFERENCE MATERIAL**

- **National Fire Protection Association Standards:** 92, 204

- **Seattle Fire Code (2015):**

[www.seattle.gov/dpd/codesrules/codes/fire/default.htm](http://www.seattle.gov/dpd/codesrules/codes/fire/default.htm)

**Chapters:**

1 – Sections: 101, 103.1, 103.3, 105, 106, 107, 109, 110, 111

2 – Sections: 201, 202

9 – Sections: 909, 910

93

Appendix B

- **Seattle Building Code (2015):**

[www.seattle.gov/dpd/codesrules/codes/building/default.htm](http://www.seattle.gov/dpd/codesrules/codes/building/default.htm)

**Chapters:**

4 – Sections: 403.1, 405.5, 405.5.1, 405.5.2

9 – Sections: 909, 910

- **Seattle Fire Fee Ordinance:**

Seattle Municipal Code Sections: 22.602.020 and 22.602.045

[https://www.municode.com/library/wa/seattle/codes/municipal\\_code?searchRequest=%7B%22searchText%22:%2222.602.020%22,%22pageNum%22:1,%22resultsPerPage%22:25,%22booleanSearch%22:false,%22stemming%22:true,%22fuzzy%22:false,%22synonym%22:false,%22contentType%22:%5B%22CODES%22%5D,%22productIds%22:%5B%5D%7D&nodeId=TIT22BUCOC%20SUBTITLE\\_VIFICO\\_CH22.602FICOPEINFE\\_22.602.020PAFE](https://www.municode.com/library/wa/seattle/codes/municipal_code?searchRequest=%7B%22searchText%22:%2222.602.020%22,%22pageNum%22:1,%22resultsPerPage%22:25,%22booleanSearch%22:false,%22stemming%22:true,%22fuzzy%22:false,%22synonym%22:false,%22contentType%22:%5B%22CODES%22%5D,%22productIds%22:%5B%5D%7D&nodeId=TIT22BUCOC%20SUBTITLE_VIFICO_CH22.602FICOPEINFE_22.602.020PAFE)

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